I F	actitione		•	•					
0 4 2	2002	IN TH	E UNITED S	STATES PATEN	T AND	TRADE	MARK	OFFIC	E
Pa	tentsppli	cation							C
RANGE	ARRE								
.,,,,,				Invent	or(s)				_
for	•						٠.	. 0	COPY
				Title of in	vention	*************************************		1	THE PARTY OF
•	•.			. ОЕ					\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
In	re applica	tion of:	IOHANNI	ES LECHNER					
	rial No.: 1			Group No.:	1732				
	ed: FEE	-		•	miner:				
Fo	r: ME	THOD O	FEMBEDDI	NG AT LEAST O	NE FLE	XIBLE C	ONDUC	TIVE T	RACK FO
CC				S WELL AS AN I					
			<u> </u>	, ,	•				
			oner for Pate	ents					1
W	ashingtor	i, D.C. 20	1431						
•		TRANS	MITTAL O	F INFORMATIO	ON DISC	CLOSIE	E STAT	TEMEN	ar.
	•			N THREE MON				ASIVE SI	
		BEFOR		OF FIRST OF				R. 1.97(b	o))
			-			`		`	,,
	•					<u> </u>			>
		,	CERTIF	ICATION UNDER	37 C.F.R.	1.8(a) and	1.10*		_2
				ICATION UNDER :				ry;	
		(When using Exp		s Mail labe	el number i		ry:	~?
I he	reby certify		When using Exp	ress Mail, the Expres.	s Mail labe ation is opi	el number i tional.)		ry:	7
I he	reby certify		When using Exp	ress Mail, the Express Express Mail certification ow, this corresponden	s Mail labe	el number i tional.)		ry;	~?
		that, on the	When using Expl	ress Mail, the Expres. Express Mail certification ow, this corresponden MAILI	s Mail labe ation is opi ace is being	el number i: tional.) g:	s mandato		
I he	deposited	that, on the	when using Explored the date shown below the date States Post	ress Mail, the Express Express Mail certification ow, this corresponden	s Mail labe ation is opi ace is being	el number i: tional.) g:	s mandato		sioner for Pa
	deposited	that, on the with the Un	when using Explored edate shown below the date States Post 231.	ress Mail, the Expres. Express Mail certification ow, this corresponden MAILI	s Mail labe ation is opi ace is being	el number i: tional.) g:	s mandato		sioner for Pa
	deposited	that, on the with the Un	when using Explored the date shown below the date States Post	ress Mail, the Expres. Express Mail certification ow, this corresponden MAILI	s Mail labe ation is opi ace is being	el number i: tional.) g:	s mandato e Assistant		
	deposited Washingto	that, on the with the Unon, D.C. 202	e date shown belonited States Post 231.	ress Mail, the Express Express Mail certification ow, this corresponder MAILI tal Service in an enve	s Mail labe ation is option ace is being NG elope addre	el number intional.) g: ressed to the	e Assistant	Commiss	*
⊠	deposited Washingto	that, on the with the Unon, D.C. 202	when using Explored edate shown below the date States Post 231.	ress Mail, the Express Express Mail certification ow, this corresponder MAILI tal Service in an enve	s Mail laberation is option is option is being NG elope address.	el number intional.) g: ressed to the	e Assistant 37 C. Mail Post	F.R. 1.10	* Addressee"
⊠	deposited Washington	that, on the with the Uion, D.C. 202 37 C.	e date shown belonited States Post 231. F.R. 1.8(a) e as first class ma	ress Mail, the Express Express Mail certification ow, this corresponden MAILI tal Service in an envel ail. TRANSMI	s Mail laberation is option is option is options. NG elope addresses addres	el number intional.) g: ressed to the	e Assistant 37 C. Mail Post	F.R. 1.10	*
⊠	deposited Washington	that, on the with the Uion, D.C. 202 37 C.	e date shown belonited States Post 231. F.R. 1.8(a) e as first class ma	ress Mail, the Express Express Mail certification ow, this corresponden MAILI tal Service in an enver	s Mail laberation is option is option is options. NG elope addresses addres	el number intional.) g: ressed to the	e Assistant 37 C. Mail Post	F.R. 1.10	* Addressee"
⊠	deposited Washington	that, on the with the Uion, D.C. 202 37 C.	e date shown belonited States Post 231. F.R. 1.8(a) e as first class ma	ress Mail, the Express Express Mail certification ow, this corresponden MAILI tal Service in an envel ail. TRANSMI	s Mail laberation is option is option is options. NG elope addresses addres	el number intional.) g: ressed to the	e Assistant 37 C. Mail Post	F.R. 1.10	* Addressee"
⊠	deposited Washington	that, on the with the Uion, D.C. 202 37 C.	e date shown belonited States Post 231. F.R. 1.8(a) e as first class ma	ress Mail, the Express Express Mail certification ow, this corresponden MAILI tal Service in an envel ail. TRANSMI	s Mail laberation is option is option is options. NG elope address ssion	el number intional.) g: ressed to the as "Express Mailing Lai	e Assistant 37 C. Mail Post	F.R. 1.10	* Addressee"
⊠ ⊠	deposited Washington	that, on the with the Unon, D.C. 202 37 C. ient postage	e date shown belonited States Post 231. F.R. 1.8(a) e as first class ma	ress Mail, the Express Express Mail certification ow, this corresponden MAILI tal Service in an envel ail. TRANSMI	s Mail laberation is option is option is options. NG elope address SSION	el number intional.) g: ressed to the	e Assistant 37 C. Mail Post bel No.	F.R. 1.10	* Addressee"
⊠ ⊠	deposited Washington with suffice transmitted	that, on the with the Unon, D.C. 202 37 C. ient postage	e date shown belonited States Post 231. F.R. 1.8(a) e as first class ma	ress Mail, the Express Express Mail certification ow, this corresponden MAILI tal Service in an envel ail. TRANSMI	s Mail laberation is option is option is options. NG elope address SSION Signa Juli:	el number intional.) g: ressed to the as "Express Mailing Lal	e Assistant 37 C. Mail Post bel No.	F.R. 1.10	* Addressee"(mandat
⊠ ⊠	deposited Washingto with suffic transmitted transmitted	that, on the with the Unon, D.C. 202 37 C. ient postage I by facsimin	e date shown belonited States Post 231. F.R. 1.8(a) e as first class made as first class made as the Patent and the Patent an	ress Mail, the Express Express Mail certification ow, this corresponden MAILI tal Service in an envel ail. TRANSMI	s Mail laberation is option is option is option is options. In the second seco	el number intional.) g: ressed to the as "Express Mailing Lal afure an H. Col or print na	Assistant 37 C. Mail Post bel No	F.R. 1.10 Office to	Addressee"(mandat
⊠ ⊠	deposited Washingto with suffic transmitted te: May	with the Union, D.C. 202 37 C. ient postage I by facsimin	e date shown belonited States Post 231. F.R. 1.8(a) e as first class made a sile to the Patent a sile to the sile to t	ress Mail, the Express Express Mail certification ow, this corresponden MAILI tal Service in an envel ail. TRANSMI and Trademark Office	s Mail laberation is option is option is option is options. NG elope address signature of the signature of	el number intional.) g: ressed to the as "Express Mailing Lal afture an H. Col or print na	Assistant 37 C. Mail Post oel No	F.R. 1.10 Office to	Addressee"(mandat
⊠ ⊠	deposited Washingto with suffic transmitted te: May Only the decertificate 1.703(f). Co	with the Union, D.C. 202 37 C. ient postage I by facsimin 8, 2002 late of filing formailing consider "E.	e date shown belonited States Post 231. F.R. 1.8(a) e as first class made in the Patent and th	ress Mail, the Express Express Mail certification ow, this corresponden MAILI tal Service in an envel ail. TRANSMI and Trademark Office the date used in a parander § 1.8 continue office to Addressee	s Mail laberation is optical in the second s	el number intional.) g: ressed to the as "Express Mailing Lal afure an H. Col or print na adjustment ken into accor facsimile	Assistant 37 C. Mail Post pel No	F.R. 1.10 Office to on certifying a lathough termining	Addressee" (mandat
⊠ ⊠	deposited Washingto with suffic transmitted te: May Only the decertificate 1.703(f). Co	with the Union, D.C. 202 37 C. ient postage I by facsimin 8, 2002 late of filing formailing consider "E.	e date shown belonited States Post 231. F.R. 1.8(a) e as first class made in the Patent and th	ress Mail, the Express Express Mail certification ow, this corresponden MAILI tal Service in an envel ail. TRANSMI and Trademark Office the date used in a parander § 1.8 continue	s Mail laberation is optical in the second s	el number intional.) g: ressed to the as "Express Mailing Lal afure an H. Col or print na adjustment ken into accor facsimile	Assistant 37 C. Mail Post pel No	F.R. 1.10 Office to on certifying a lathough termining	Addressee" (mandat ing) h the date of thingliness. (d) of the re
⊠ ⊠	deposited Washingto with suffic transmitted te: May Only the decertificate 1.703(f). Co	with the Union, D.C. 202 37 C. ient postage I by facsimin 8, 2002 late of filing formailing consider "E.	e date shown belonited States Post 231. F.R. 1.8(a) e as first class made in the Patent and th	ress Mail, the Express Express Mail certification ow, this corresponden MAILI tal Service in an envel ail. TRANSMI and Trademark Office the date used in a parander § 1.8 continue office to Addressee	s Mail laberation is optical in the second s	el number intional.) g: ressed to the as "Express Mailing Lal afure an H. Col or print na adjustment ken into accor facsimile	Assistant 37 C. Mail Post pel No	F.R. 1.10 Office to on certifying a lathough termining	Addressee" (mandat ing) h the date of thingliness. (d) of the re
⊠ ⊠	deposited Washingto with suffic transmitted te: May Only the decertificate 1.703(f). Co	with the Union, D.C. 202 37 C. ient postage I by facsimin 8, 2002 late of filing formailing consider "E.	e date shown belonited States Post 231. F.R. 1.8(a) e as first class made in the Patent and th	ress Mail, the Express Express Mail certification ow, this corresponden MAILI tal Service in an envel ail. TRANSMI and Trademark Office the date used in a parander § 1.8 continue office to Addressee	s Mail laberation is optical in the second s	el number intional.) g: ressed to the as "Express Mailing Lal afure an H. Col or print na adjustment ken into accor facsimile	Assistant 37 C. Mail Post pel No	F.R. 1.10 Office to on certifying a lathough termining	Addressee" (mandat ing) h the date of thingliness. (d) of the re
⊠ ⊠	deposited Washingto with suffic transmitted te: May Only the decertificate 1.703(f). Co	with the Union, D.C. 202 37 C. ient postage I by facsimin 8, 2002 late of filing formailing consider "E.	e date shown belonited States Post 231. F.R. 1.8(a) e as first class made in the Patent and th	ress Mail, the Express Express Mail certification ow, this corresponden MAILI tal Service in an envel ail. TRANSMI and Trademark Office the date used in a parander § 1.8 continue office to Addressee	s Mail laberation is optical in the second s	el number intional.) g: ressed to the as "Express Mailing Lal afure an H. Col or print na adjustment ken into accor facsimile	Assistant 37 C. Mail Post pel No	F.R. 1.10 Office to on certifying a lathough termining	Addressee" (mandat ing) h the date of thingliness. (d) of the re
⊠ ⊠	deposited Washingto with suffic transmitted te: May Only the decertificate 1.703(f). Co	with the Union, D.C. 202 37 C. ient postage I by facsimin 8, 2002 late of filing formailing consider "E.	e date shown belonited States Post 231. F.R. 1.8(a) e as first class made in the Patent and th	ress Mail, the Express Express Mail certification ow, this corresponden MAILI tal Service in an envel ail. TRANSMI and Trademark Office the date used in a parander § 1.8 continue office to Addressee	s Mail laberation is optical in the second s	el number intional.) g: ressed to the as "Express Mailing Lal afure an H. Col or print na adjustment ken into accor facsimile	Assistant 37 C. Mail Post pel No	F.R. 1.10 Office to on certifying a lathough termining	Addressee" (mandate of the date of the replacement of the control of the replacement of the control of the replacement of the replacement of the control of th
⊠ ⊠	deposited Washingto with suffic transmitted te: May Only the di certificate 1.703(f). C be accorde	with the Union, D.C. 202 37 C. ient postage I by facsimin 8, 2002 late of filing formailing consider "E. and the earlies	when using Explored date shown below the date shown below the states Post 231. F.R. 1.8(a) The as first class make the end of the Patent and the end of the state of the sta	ress Mail, the Express Express Mail certification ow, this corresponden MAILI tal Service in an envel ail. TRANSMI and Trademark Office the date used in a parander § 1.8 continue office to Addressee	s Mail laberation is option is option is option is options. It is being the state of the state	as "Express Mailing Lal afure an H. Col or print na calculation at calculation at calculation at calculation and the calculation at calculati	Assistant 37 C. Mail Post oel No men me of persecutation count in detransmissions.	F.R. 1.10 Office to on certifying althoughtermining ion (§ 1.6)	Addressee" (mandat (mandat ing) h the date of g timeliness. (d) A the rej HNOLCGY CENTE

NOTE:	37 C.F.R. 1.98(b):	
	<i>(1)</i>	Each U.S. patent listed in an information disclosure statement must be identified by inventor, patent number, and issue date.
	(2)	Each U.S. patent application published listed in an information disclosure statement shall be identified by applicant, patent application publication number, and publication date.
	(3)	Each U.S. application listed in an information disclosure statement must be identified by the inventor, application number, and filing date.
	(4)	Each foreign patent or published foreign patent application listed in an information disclosure statement must be identified by the country or patent office which issued the patent or published the application, an appropriate document number, and the publication date indicated on the patent or published application.
	(5)	Each publication listed in an information disclosure statement must be identified by publisher, author (fi any), title, relevant pages of the publication,,date, and place of publication.
WARNI	NG:	No extension of time can be had under 37 C.F.R. § 1.36 (a) or (b) for filing an IDS. 37 C.F.R. § 1.97(f).

NOTE: The "filing date of a national application" under 37 C.F.R. 1.97(b) has two possible meanings. Where the filing is a direct one to the United States Patent & Trademark office, the filing is defined in 37 C.F.R. 1.53(b) as "the date on which: (1) A specification containing a description pursuant to § 1.71 and at least one claim pursuant to § 1.75; and (2) any drawing required by § 1.81(a), are filed in the Patent and Trademark Office in the name of the actual inventor or inventors as required by § 1.41." 37 C.F.R. 1.97(b)(1). On the other hand, an international application that enters the national stage occurs when the applicant has filed the documents and fees required by 35 U.S.C. § 371(c) within the periods set forth in § 1.494 or § 1.495. 35 U.S.C. § 371(c) requires the filing of the following: (1) the national fee; (2) a copy of the international application, unless already sent by the International Bureau, and an English translation if filed in another language; (3) amendments under PCT Article 19, with a translation into English if made in another language; (4) an oath or declaration; and (5) a translation into English of any annexes to the international preliminary examination report, if such annexes were made in another language. 37 C.F.R. 1.97(b)(2).

IDENTIFICATION OF TIME OF FILING THE ACCOMPANYING INFORMATION DISCLOSURE STATEMENT

The information disclosure statement submitted herewith is being filed within three months of the filing date of the application or date of entry into the national stage of an international application or before the mailing date of a first Office action on the merits, whichever event occurs last. 37 C.F.R. 1.97(b).

NOTE:	"No certification or fee is due when the filing is made within the above time period. It is advisable to ensure that
	no Office action has been mailed if the disclosure statement is delayed until after three months from filing."

NOTE: "An information disclosure statement will be considered to have been filed on the day it was received in the Office, or on an earlier date of a mailing if accompanied by a properly executed certificate of mailing under 37 C.F.R. 1.8, or Express Mail certificate under 37 C.F.R. 1.10. An office action is mailed on the date indicated in the Office action." Notice of April 20, 1992 (1138 O.G. 37-41, 39).

NOTE: "The term 'national application' includes continuing applications (continuations, divisions, continuationsin-part) so three-months will be measured from the actual filing date of an application as opposed [sic] to the effective date of a continuing application." Notice of April 20, 1992 (1138 O.G. 37-41, 39). NOTE: "An action on the merits means an action which treats the patentability of the claims in an application, as opposed to only formal or procedural requirements. An action on the merits would, for example, contain a rejection or indication of allowability of a claim or claims rather than just a restriction requirements (37 C.F.R. 1.142) or just a requirement for additional fees to have a claim considered (37 C.F.R. 1.16(d)). Thus, if an application was filed on Jan. 1 and the first Office action on the merits was not mailed until six months later on July 1, the examiner would be required to consider any proper information disclosure statement filed prior to July 1." Notice of April 20, 1992 (1138 O.G. 37-41, 39).

WARNING: "A petition for suspension of action to allow applicant time to submit an information disclosure statement will be denied as failing to present good and sufficient reasons, since 37 C.F.R. 1.97 provides adequate recourse for the timely submission of prior art for consideration by the examiner." Notice of July 6, 1992 (1141 O.G. 63).

Reg. No. 20,302

Tel. No.: (212)708-1887

Customer No.: 00140

MONATURE OF PRACTITIONER

JULIAN H. COHEN

(type or print name of practitioner)

P.O. Address

c/o Ladas & Parry 26 West 61st Street New York, N.Y. 10023